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managed by Brookhaven Science Associates  
for the U.S. Department of Energy

*date:* March 4, 2005  
*to:* Distribution  
*subject:* Safety Walk  
*from:* P. Cirnigliaro

On February 23, 2005 a Job Risk Analysis (JRA-4-05) and a Safety Walk through of a routine electrical job was performed. The actual task was installing a by-pass actuator valve on the RFMG cooling tower.

Safety Walk Attendees:

P. Cirnigliaro (C-A ESHQ)  
W. Shaffer (C-A WOSH Representative)  
C. Skrezec (C-A Water Group)  
S. Yakaboski (C-A Water Group)

Positive Observations:

- Use of PPE including safety glasses, safety shoes, and appropriate NFPA 70E procedures, clothing and gloves.
- A fiberglass ladder was used involving electrical work.
- Proper use of PPE when applying/removing LOTO from circuit breakers.
- Electrical test equipment was class III rated.

Negative Observations:

- Use of worn (taped up) insulated tools (screw drivers). *Recommend that tools be discarded and replaced with appropriately insulated tools.*
- Circuit breaker LOTO devices did not securely fit over breakers. *Confer with Power Distribution Group Leader (Tom Nehring) for improved LOTO devices with a better fit to this specific type of circuit breaker.*
- Worker has to climb on cooling tower piping to access an inspection door. *Have Water Systems Group Leader (R. Grandinetti) investigate installation of floor grating to access the inspection door on the cooling tower, providing a safer walking surface. Similar situations exist at Tower 3 and at STAR.*

Distribution: Safety Walk Attendees

J. deBoer  
R. Grandinetti  
R. Karol  
E. Lessard  
D. Lowenstein  
T. Nehring